

TOPOGRAPHIC SURVEY CONTROL POINT RECORD

STATION LONG NAME	DQ10
STATION NUMBER	DQ10
4 CHAR ID	DQ10
COUNTRY	IRAQ
LOCATION	DHI QAR
SURVEYING AGENCY	IGRS
DATE (OF DESCRIPTION)	24 JUL 2005

CONTENTS	YES	NO	NO OF PAGES
FIELD COORDINATE VALUES	X		1
OFFICE COORDINATE VALUES	X		1
STATION MONUMENT & SITE DETAILS	X		1
STATION DIAGRAM	X		1
ACCESS MAP	X		1
ACCESS DESCRIPTION	X		1
APPROACH PHOTOGRAPHS	X		1
CARDINAL POINT PHOTOGRAPHS	X		2

RECORD OF VISITS

DATE OF VISIT	NAME	UNIT	REMARKS

ADDITIONAL DETAILS/ENCLOSURES

CONTENTS	NO OF PAGES

FIELD COORDINATE VALUES

STATION LONG NAME	DQ10
4 CHAR ID	DQ10
STATION NUMBER	DQ10

THIS STATION IS NEW	YES
IDENTICAL / NEARLY IDENTICAL WITH	N/A

FIELD VALUES FROM THE RECEIVER / HAND HELD GPS – IN WGS84

LATITUDE N	30° 00' 33"
LONGITUDE E	47° 00' 33"
HT (M)	-10
GRID ZONE DESIGNATOR	38R
UTM / MGRS GRID	38R PV 924 286
SURVEYING AGENCY	IGRS

FIELD INPUT BY: LCPL COWARD	UNIT: IGRS	DATE: 23 JUL 2005
FIELD CHECKED BY: LCPL COLWELL	UNIT: IGRS	DATE: 23 JUL 2005

OFFICE COORDINATE VALUES

WGS 84 ADJUSTED VALUES AS AT: 25 Aug 05

LATITUDE N	30° 58' 33.37854''
LONGITUDE E	047° 00' 56.22404''
SPHEROIDAL HT (M)	-12.272
EGM96 GEOID MODEL HT (M)	-14.270
ORTHOMETRIC HT (M)	1.998
VERTICAL DATUM	WGS 84
GEOID MODEL USED	EGM 96
RELATIVE TO	CORS STATIONS
RELATIVE POSITION ACCURACY (M)	0.020
RELATIVE HEIGHT ACCURACY(M)	0.021
ADJUSTING AGENCY	OPUS
ADJUSTMENT DATE	25 AUG 2005

LOCAL DATUM VALUES AS AT: 25 Aug 05

SPHEROID	N/A
PROJECTION	N/A
GRID	N/A
VERTICAL DATUM	N/A
LATITUDE N / S	N/A
LONGITUDE E / W	N/A
EASTINGS (M)	N/A
NORTHINGS (M)	N/A
SPHEROIDAL HT (M)	N/A
ORTHOMETRIC HT (M)	N/A
GRID ZONE DESIGNATOR	N/A
TRANSFORMATION AGENCY	N/A
TRANSFORMATION DATE	N/A

GRAVITY VALUE: N/A	TYPE OF STN: N/A	REF: N/A
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AIR PHOTO: N/A	REF: N/A	SCALE: N/A
IMAGERY: N/A	REF: N/A	SCALE: N/A

OFFICE INPUT BY: LCPL COWARD	UNIT: IGRS	DATE: 25 AUG 2005
OFFICE CHECKED BY: LCPL DICKEN	UNIT: IGRS	DATE: 25 AUG 2005

STATION MONUMENT AND SITE DETAILS

STATION LONG NAME: DQ10	
STATION NUMBER: DQ10	4 CHAR ID: DQ10
LOCATION: DHI QAR	COUNTRY: IRAQ
STATION ADDRESS: N/A	
TEL: N/A	FAX: N/A
LAND OWNER ADDRESS: N/A	
TEL: N/A	FAX: N/A
TYPE OF MARK: HARN	
CONDITION: GOOD	
MARK SETTING: REBAR	NO OF REBARS: 9

MONUMENT PHOTO / SKETCH



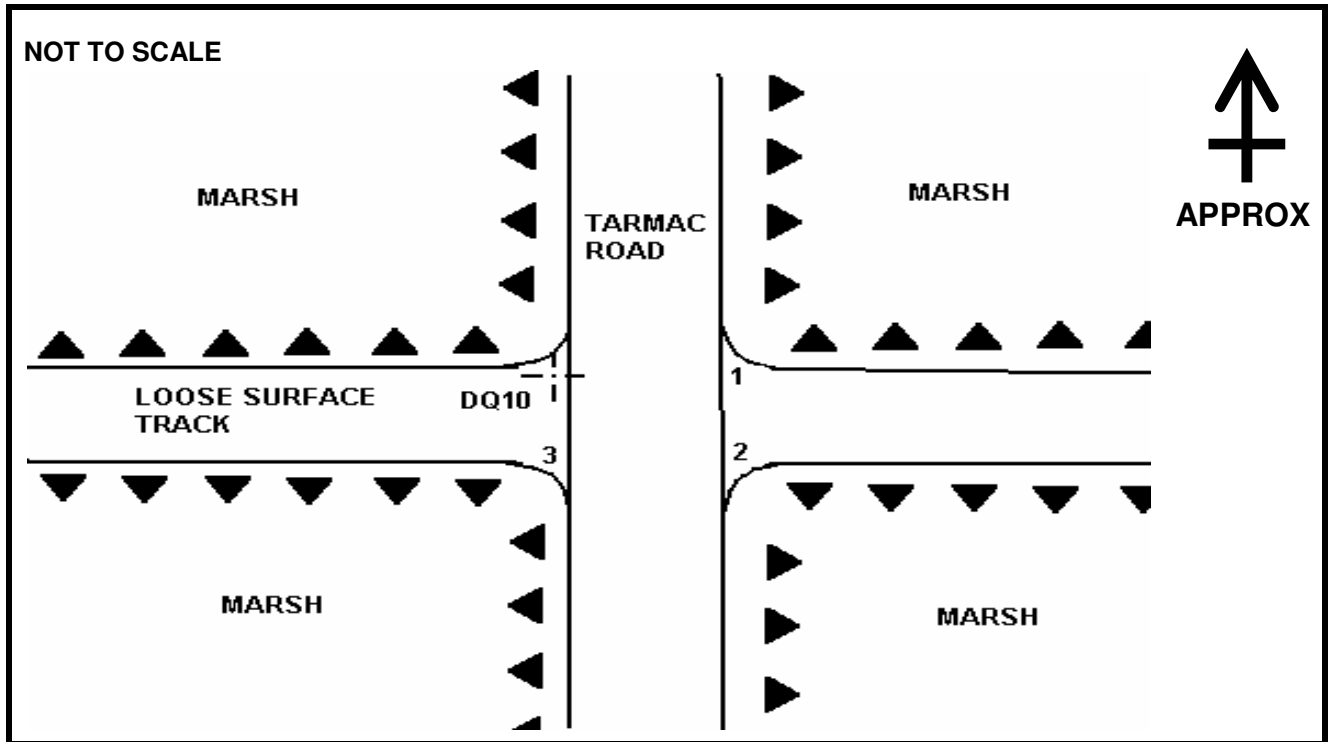
PREPARED BY: LCPL COWARD	UNIT: IGRS	DATE: 24 JUL 2005
CHECKED BY: LCPL COLWELL	UNIT: IGRS	DATE: 24 JUL 2005

STATION DIAGRAM

STATION LONG NAME: DQ10

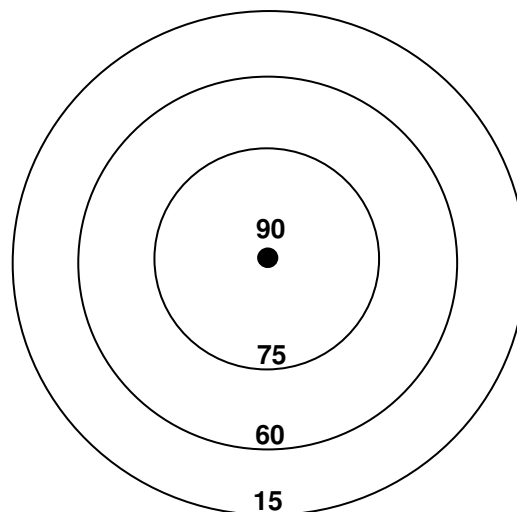
STATION NUMBER: DQ10

4 CHAR ID: DQ10



NO	DESCRIPTION	BRG/HORZ ANGLE	DISTANCE
1	NORTH EAST CORNER OF JUNCTION	258°	9.14M
2	SOUTH EAST CORNER OF JUNCTION	295°	10.97M
3	SOUTH WEST CORNER OF JUNCTION	357°	10.77M
4			

OBSCURITY DETAILS



PREPARED BY: LCPL COWARD	UNIT: IGRS	DATE: 24 JUL 2005
CHECKED BY: LCPL COLWELL	UNIT: IGRS	DATE: 24 JUL 2005

ACCESS MAP

STATION LONG NAME: DQ10

STATION NUMBER: DQ10

4 CHAR ID: DQ10

MAP DETAILS

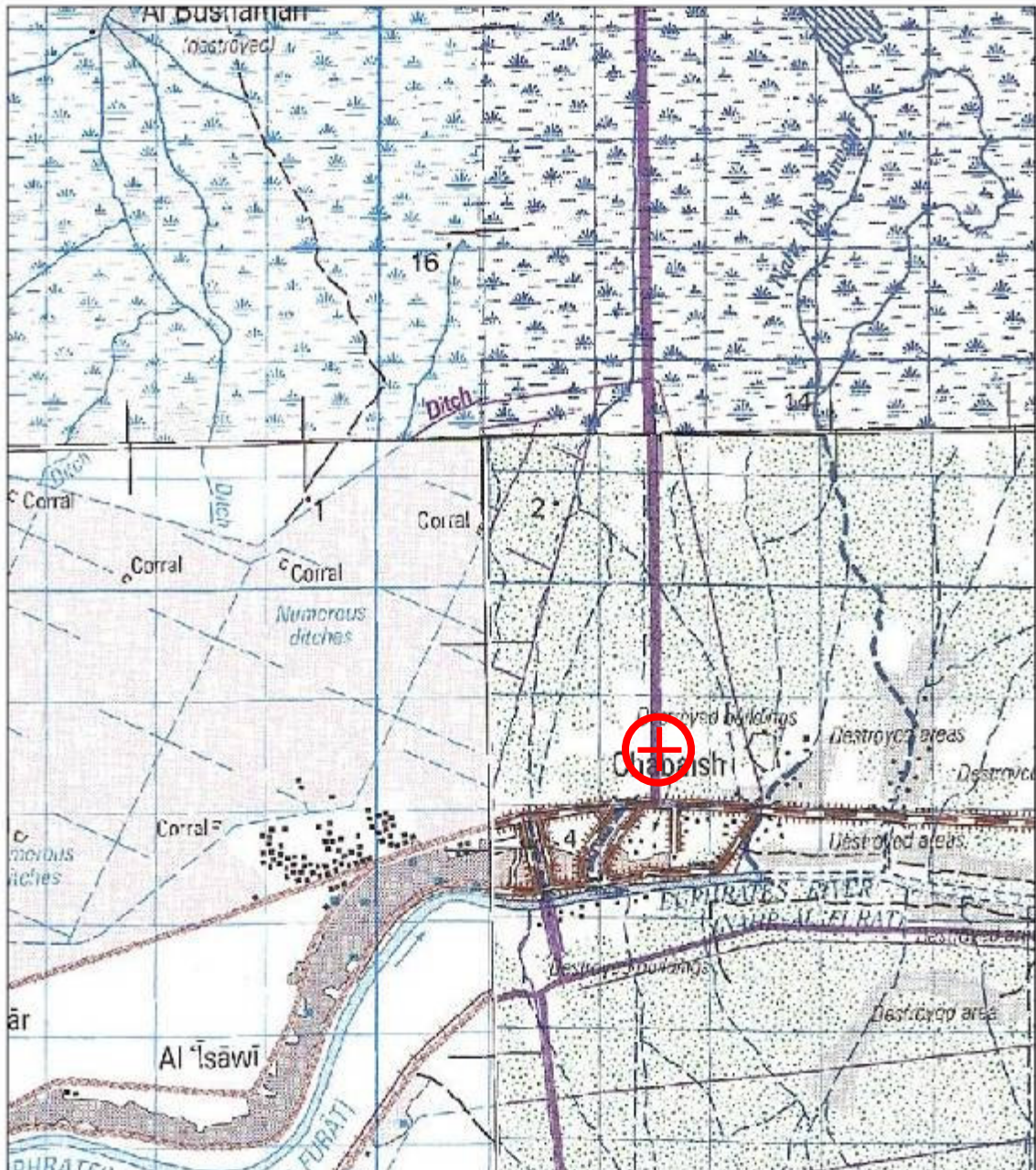
SERIES: K643

SHEET: 5341 & 5451

EDITION: 2 & 3-NIMA

SCALE: 1:100,000

GR: 38R PV 924 286



PREPARED BY: SPR RIMMER

UNIT: IGRS

DATE: 03 AUG 05

CHECKED BY: SSGT NEW

UNIT: IGRS

DATE: 03 AUG 05

ACCESS DESCRIPTION

STATION LONG NAME: DQ10	
STATION NUMBER: DQ10	4 CHAR ID: DQ10

MAP DETAILS	SERIES: K643	SHEET: 5341 & 5451
EDITION: 2 & 3-NIMA	SCALE: 1:100,000	GR: 38R PV 924 286

From t-junction north of an Nasiriyah gr 38R PV 225 410, travel east on route 16 for approximately 22 km to a y-junction gr 38R PV 418 452. Take the route traveling east. The route then turns south to meet up with the Euphrates river then follows the river east. Stay on route for approximately 68 km to gr 38R PV 925 280. Turn north and travel down road for approximately 500m to a cross roads with a loose surface track. DQ10 is a fine mark in a rebar situated on the west side of the main road at the cross roads gr 38R PV 924 286 marked with an orange survey marker.

PREPARED BY: LCPL COWARD	UNIT: IGRS	DATE: 03 AUG 05
CHECKED BY: SPR LOCKHART	UNIT: IGRS	DATE: 03 AUG 05

APPROACH PHOTOGRAPHS

STATION LONG NAME: DQ10	
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NEAR APPROACH FACING NORTH



FAR APPROACH FACING NORTH



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CARDINAL PHOTOGRAPHS

STATION LONG NAME: DQ10	
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NORTH



SOUTH



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CARDINAL PHOTOGRAPHS

STATION LONG NAME: DQ10	
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EAST



WEST



TAKEN BY: LCPL COWARD	DATE TAKEN: 23 JUL 2005
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